

Name _____

Yellowstone Supervolcano Questions

1. How big was the earthquake preceding the Mt. St. Helens eruption?
2. How big of an area was obliterated by the eruption?
3. How often does "Old Faithful" go off?
4. Why is it called a "Supervolcano?"
5. How many times has this supervolcano erupted and over what time span?
6. How long ago did the last one occur?
7. What killed the bison?
8. How big is 1000 Km³?
9. What can a pyroclastic flow do?
10. What is a bomb?
11. What is volcanic ash?
12. What is pumice when look at under a microscope?
13. What can inhaling ash do to a person?
14. How many people would be affected in the US?

15. What does VEI stand for?
16. What was Mt. St. Helens' VEI?
17. What would the VEI be for the Yellowstone Supervolcano?
18. How much bigger would the Yellowstone eruption be than Mt. Tambora?
19. How would the eruption affect global temperatures?
20. How many earthquakes does the area experience/year normally?
21. What happened in 2008?
22. How many States did Mt. St. Helens' ash land in?
23. How big is the caldera from the last eruption?
24. In 2004, how much did the caldera rise? Then what happened?